AUCTIONS FOR MULTIPLE ITEMS WITH

CONSTRAINTS SPECIFIED BY THE BIDDERS

ABSTRACT

A method for considering constraints imposed by the bidders in auctions for multiple items. The

5   invention discloses representative examples of such constraints. We demonstrate that a winner

determination problem may be formulated as an integer program, and may be solved by

commercially available software packages. This invention includes both a business process of

auctioning multiple items with constraints specified by the bidder, and a computer implemented

method for determining winners in such an auction.